X4-TECH

titanDT9

Mobile DVD player with digital television reception

Instruction manual

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Dear customer,

thank you for deciding on purchasing this quality product from X4-TECH.
This instruction manual will give you a general idea of how this device operates, as well as provide you with information on cleaning and safety procedures. Please take a few minutes to read and follow all safety and operating instructions found in this manual carefully, in order to maintain this products condition and ensure safe operation. Retain this instruction manual for future reference and where required pass it along with the device if handed over to a third party.
Should you have any additional questions regarding this device or should any suggestions arise, please contract a specialized dealer or our service team for further information.
We look forward to you recommending us to others and hope you enjoy using this device from X4-TECH.

Your X4-TECH Team

All company and product names mentioned in this document are registered trademarks of their respective owners. All rights reserved.

We assume no liability for damage occurred as a result of improper use or damage resulting from the failure to comply with the safety instructions found in this manual, improper operation or handling! Under such circumstances, all claims under warranty will become void. We assume no liability for consequential damage!
We reserve the right to alter specifications and information contained in this manual without notice.

This product is EMV-certified and fulfils all European and National guideline requirements. A declaration of CE conformity has been established for this product. Certification has been documented and entrusted to the manufacturer.

1 Intended use

The TITAN DT9 is a mobile device intended for DVB-T television reception. The integrated DVD drive can be used to play film, audio and data discs. You can use the USB connection to read data stored on USB flash drives and with the help of the included adapter will be able to play memory cards as well.

Please adhere to all of the safety information/instructions found in this instruction manual!

Explanation of symbols

An exclamation mark is intended to inform the user of important information, operation or maintenance instructions or that special attention is required.

This symbol is intended to alert you to the presence of unprotected, live parts or components found within the product's enclosure or of dangerous connections that upon contact may be of sufficient magnitude to constitute a risk of electric shock. Cables intended for such connections should only be connected by qualified personnel or you should only use ready to connect cables. There are no user-serviceable parts found inside the device, therefore the device is never to be opened

Safety information

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Dear customer,

the following safety and hazard warnings are not only for the protection of your device, but also serve as a protection against potential health hazards. Please take time to read the following instructions carefully.

› We assume no liability for personal or property damage resulting from the failure to comply with the safety instructions, improper operation and handling. Under such circumstances, all claims under warranty will become void.

› For safety and licensing (CE) reasons any unauthorized modification and/or change on the device is prohibited and will void the warranty and all warranty claims.

› Any persons operating, installing, setting up, or servicing this device must be trained and qualified accordingly and must also observe these operating instructions.

› Ensure that the device has been set up accordingly by following all instructions found in the instruction manual.

› Power supply cords should be routed so that they are not likely to be walked on, pinched by items placed upon or against them or damaged by sharp edges, paying particular attention to cords at plugs, convenience receptacles, and the point at which they exit from the device. Avoid exposing the cable to extreme heat or cold. Never modify/change the cable. This could otherwise damage the cable and result in the dangerous risk of electric shock.

› Should any evident damage be seen on the device or on the connection cables, do not come in contact with or touch these. Switch off the corresponding circuit breaker in the power distribution panel first before carefully unplugging the power plug from the wall outlet. Do not operate this device further! Please contact or take it to a qualified service technician/specialty workshop.

› In order to completely cut off the power supply to the device, unplug the power plug from the wall outlet. Merely turning the device off with the ON/OFF button is not sufficient enough. Make sure that receptacles are easily accessible.

› Always pull on the plug's grips and never on the cable to remove from a power outlet.

› Unplug the device from the power outlet, if it is not in use for a longer period of time.

› For safety reasons, always unplug the device from the power outlet during thunderstorms.

› Eliminate potential tripping hazards by routing cables in such a way that no one can trip or stumble over them.

› Never use the device if the power cable or device is damaged.

This device is not suitable for children under 3 years of age. Small children are unaware of the serious and immediate dangers involved when exposing themselves to or handling electronic devices. Furthermore, this product contains small parts that could be swallowed.

› Never leave packaging material lying around unsupervised. For children it could become a hazardous toy and lead to serious injury. Keep packaging and protective foil away from children at all times to a void the danger of suffocation.

› The device should never come in contact with water or moisture.

› To prevent the risk of fire or electric shock make sure that liquids, such as dripping or splashing water, rain or moisture, do not come in contact with the device and power supply plug.

› Operate this device in a moderate climate and never expose to extreme temperatures, such as high humidity.

› Condensation can build up suddenly when this device is brought from a colder into a warmer area (e.g. when transporting). Should this happen, allow the device to warm up to room temperature first before using.

› Care should be taken that liquids do not come in contact with the interior; this is why containers containing liquids, e.g. bucket, vase or plants should never be placed anywhere near or on this device. This can not only damage the device, but also become a fire hazard.

› It is imperative to avoid contact with moisture, e.g. in the bathroom.

› Never touch the power plug with damp or wet hands. There is the risk of electric shock!

› Make sure the device is placed on a firm and stable surface.

› Make sure the device is properly ventilated during operation and never operate it in constricted areas, such as for example in a bookcase or shelf.

› Never block ventilation openings with magazines, tablecloths, curtains or similar.

› Never place any sources of fire on top of or near the device and power supply plug (e.g. lighted candle).

› This device utilizes a laser system. Please operate this device accordingly and as subsequently described in the instruction manual. Never stare directly into the laser beam and prevent direct exposure to the laser beam. Never open the casing. Doing so imminently exposes visual contact to the laser beam.

› Your full concentration and attention is required while driving in traffic (as well as in many other surroundings). Operating the device, listening to music with earphones/headphones or watching a movie can divert one's attention and be just as distracting, as using your cell phone while driving. In case of an accident, insurance coverage might be denied and you could be partially blamed for the accident respectively!

› Please note that excessive sound pressure levels created when listening to loud volume levels with earphones or headphones can lead to permanent hearing damage or loss.

› Please adhere to the additional safety information found in the individual chapters of this instruction manual.

› When connecting other devices, please refer to the safety and operating instructions found in the literature accompanying these devices.

› Please contact our technical hotline or a service technician for further information, should you be in doubt about device operation, safety or when making connections or if any questions arise that are not explained within this manual.

› Contribute to a better environment by using a designated disposal system (e.g. Dual System in Germany) or recycling site for the disposal of packaging material.

Copyright information

The reproduction, duplication and copying of copyright protected material, as well as the distribution, circulation, public access to or even the rental of these, without explicit authorization of the copyright holder, is strictly prohibited.

This device features a copy protection function developed by Macrovision. Some CDs contain a copy protection function on them. A signal and/or picture noise can be heard as soon as pictures from copy protected CDs have been misused, either for recording or playback. This copy protection function is registered and protected by method claims of certain American Patents and other intellectual property rights owned by Macrovision Corporation and other rights owners. Macrovision Corporation is the copyright holder of this copy protection, as well as other commercial copyright holders.

Permission for utilization of this copy protection technology must be exclusively authorized by Macrovision Corporation. This device has been intended for private use at home or other limited viewing uses only, unless otherwise authorized by Macrovision Corporation. The imitation or removal of the copy protection is prohibited.

Before use

Please read this instruction manual thoroughly before operating this device and retain it for further reference, questions and use. Following and heeding all information found in this instruction manual shall maintain this products condition and ensure safe operation.

This instruction manual contains information on how to operate and maintain this device. Should a component require maintenance, servicing or repairs, then please consult a qualified dealer or service technician.

When connecting other devices, please refer to the safety and operating instructions found in the literature accompanying these devices.

Features

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› Mobile DVB-T reception
› USB compatible connection
› 640 RGB (H) x 234 (V)
› Supports MP3 and WMA music files
› Supports MPEG1, MPEG2, VCD-PAL, VCD-NTSC, VOB, AVI, DIVX video files
› Supports JPG image files
› Reads DVD-R, DVD+R, DVD-RW, DVD+RW, audio, CD-R and CD-RW discs
› Reads USB flash drives formatted to FAT32 with a capacity of up to 4 GB.
› SD, MMC, RS-MMC and SDHC memory cards that have been formatted to FAT 32 and have a capacity of up to 4 GB can be used with the included adapter

The device

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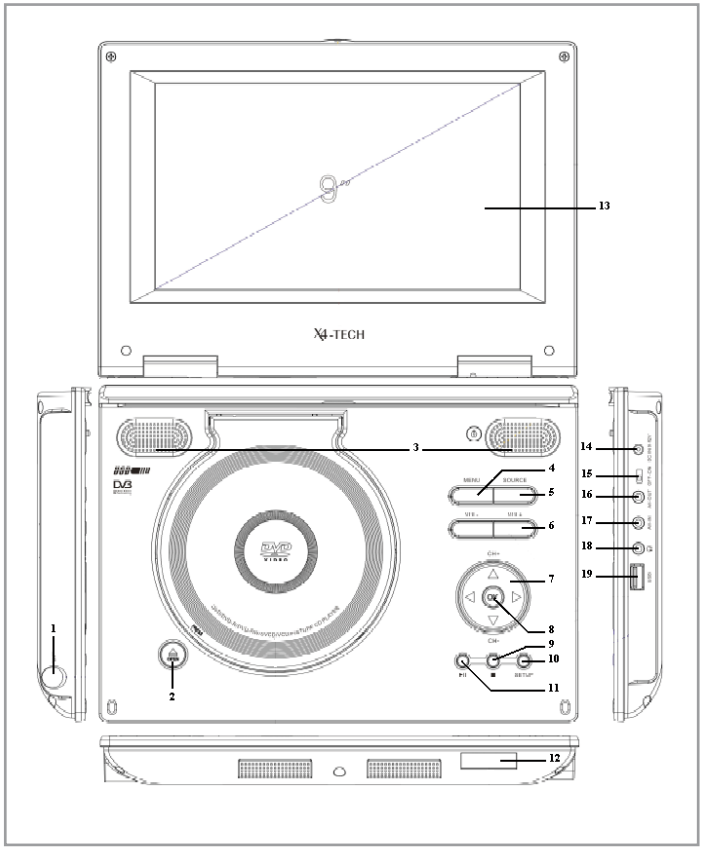
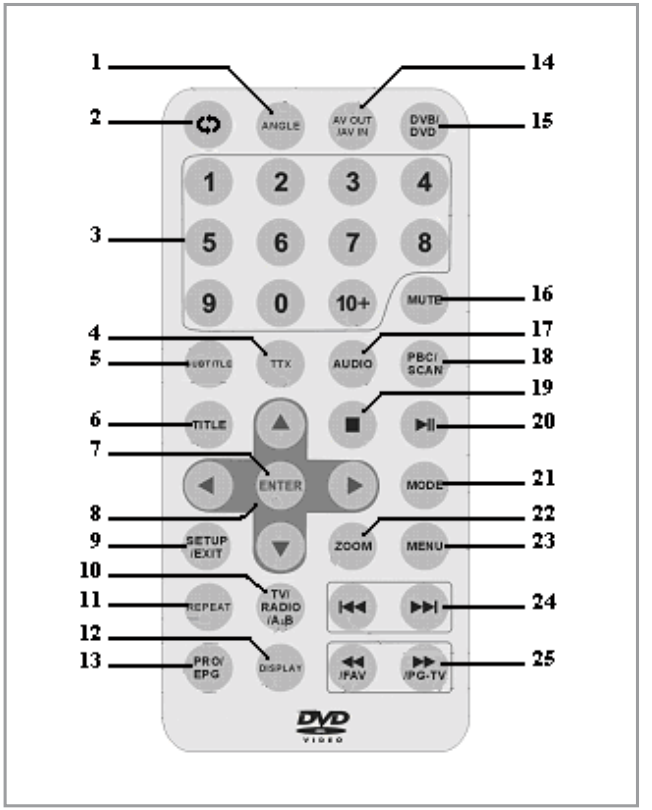
The DVD player



1. ANT: Antenna connection
2. OPEN: Opens the CD compartment
3. Speakers
4. MENU: Opens the menu during DVB-T operation
5. SOURCE: Press to select a DVB-T, DVD or USB operation mode
6. VOL –/+: Adjusts the volume
7. ◄►▲▼ (Navigation buttons): For selection within a menu
   ▲▼ To select a channel during DVB-T operation (CH+/–)
   ◄► To regulate the volume during DVD operation
   ◄►▲▼ To rotate images
8. OK: Confirms a selection
9. ■ Stop: Press once to pause playback, press twice to stop playback
10. SETUP: Opens the menu during DVD and USB operation
11. ⏯/ Play/Pause: Starts/Pauses playback
12. IR sensor for the remote control and battery charge indicator
    The indicator lights up red during charging and changes to green once charging has been completed.
13. Screen
14. DC IN 9 – 12 V: Power supply jack
15. ON/OFF: Turns the device on/off
16. AV OUT: A/V output
17. AV IN: A/V input
18. Earphone jack
19. USB 1.1 connection

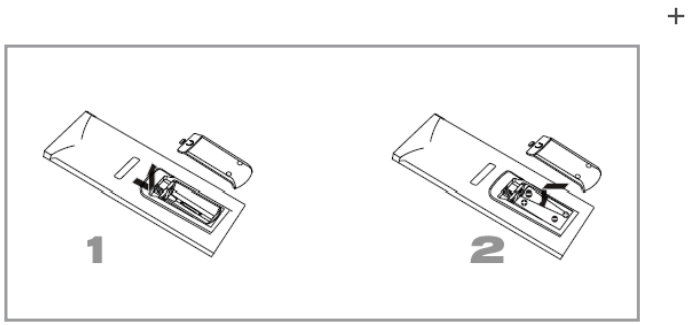
Remote control



1. ANGLE: To select an alternative camera angle on an inserted DVD, where applicable. To setup various slideshow effects.
2. Service Swap: Press to return to the previously viewed channel.
3. Numerical buttons 0 – 9 and the 10+ button
   For entering and selecting channels/numbered menu items/files.
   Press the 10+ button repeatedly (not applicable during DVB-T operation) to select chapters 10+ and up on DVDs.
4. TTX: Press to turn the teletext function on/off during DVB operation.
5. SUBTITLE: Press to select one of the various subtitle languages available on a DVD.
6. TITLE: Press to return to the main menu on a DVD.
7. ENTER: Confirms a selection.
8. ◄ ► ▲ ▼ (Navigation buttons): For selection within a menu
   ▲ ▼ To select a channel during DVB-T operation (CH+/–)
   ◄ ► To regulate the volume during DVD operation
   ◄ ► ▲ ▼ To rotate images
9. SETUP/EXIT: Press to gain access to the setup menu (not applicable during DVB-T operation) or to exit a menu.
10. TV/RADIO/A-B: Switches between DVB-T and radio reception during DVB-T operation
    A-B repeat function defines a certain music or film sequence that is to be repeated
11. REPEAT: Switch through various repeat mode options (e.g. chapter, track, title, all)
12. DISPLAY: Press to access and browse through various on-screen options
13. PRO/EPG: Creates a program list
    Displays the electronic program guide during DVB-T operation
14. AV OUT/AV IN: Switches between the A/V output/inpu
15. DVB/DVD: Switches between signal sources (DVD, DVB and USB)
16. MUTE: Mutes speakers
17. AUDIO: Selects an audio language on DVDs
18. PBC/SCAN: PBC on/off
    Channel scan during DVB-T operation
19. ■ Stop: Press once to pause playback, press twice to stop playback
20. ⏯ Play/Pause: Starts/Pauses playback
21. MODE: Menu for various picture settings (brightness, contrast, colour saturation, sharpness)
22. ZOOM: Switch through available film and picture enlargement levels
23. MENU: Access setup menu during DVB-T operation
    Returns to the DVD menu
24. ⏭ ⏮ Reverse/Forward Skip
    Skips to the previous/next channel during DVB-T operation
    Skips to the previous/next chapter/image, previous/next title
25. ◄◄ /FAV ►► /PG-TV
    ◄◄ ►► fast reverse/forward during DVB-T operation
    FAV – only browse through favourites on/off setting
    PG-TV – program location and menu for favourites

Changing/Inserting batteries

› The remote control requires two „AAA" batteries for operation.



› To open the battery compartment, remove the cover on the back of the remote control by sliding it in the direction of the arrow.

› Remove used batteries and dispose of these accordingly.

› Insert two new AAA batteries into the battery compartment, ensuring correct polarity (see battery silhouette as indicated in the compartment) before inserting.

› For best possible results, always point the remote control directly at the device. Ensure that you are not more than 5 meters away and that there is not more than a 60 degree angle between the remote control and the device.

› Always remove the batteries from the device, when storing or if it is not is use for a longer period of time.

Rechargeable battery

› This device utilizes a lithium polymer battery. Rechargeable batteries have a limited number of charge cycles. Each charging cycle, even a short one, shortens the battery lifespan. To increase battery lifespan, always recharge batteries completely and without disruption. Lithium polymer rechargeable batteries can be charged up to 800 times, after which capacity will then gradually begin to decrease. Rechargeable batteries should always be completely charged first, before using them for the first time. This could otherwise impair battery capacity.

› The battery is charged directly via the device. The control light is red during charging and turns green once charging has been completed.

› This device has a permanent built-in lithium polymer rechargeable battery that should be kept away from sources of warmth. Never try to remove the rechargeable battery. Please contract your local dealer if a malfunction occurs during operation or battery replacement is required.

Note:
Please note that the battery charging process can take up to approximately 20 hours, if the device is turned on at the same time. However, charging the battery with the device turned off will only take up to approximately 5 hours. It is therefore recommended to turn the device off during charging.

Please fully charge the battery in a turned off state completely first, before using it for the first time. This may otherwise impair capacity.

Information on handling batteries/rechargeable batteries

Please adhere to the following information when handling batteries/rechargeable batteries:

› Keep batteries out of children's reach.

› Batteries are hazardous waste and do not belong in household waste.

› Ensure that batteries are always inserted according to the correct polarity.

› Always remove batteries when not in use for longer periods of time.

› Never leave batteries lying around unsupervised. These could pose a choking hazard to children and pets if swallowed. Seek emergency medical care immediately, should this happen.

› Please follow manufacturer instructions when charging rechargeable batteries.

› Never expose batteries to extreme temperatures, such as for example resulting from sunlight, fire or ovens. There is the risk of explosion!

› Make sure that batteries are not dismantled, short-circuited or are thrown into fire. Never recharge non-rechargeable batteries. There is a risk of explosion!

› Touching leaking or damaged batteries could cause skin burns. Use suitable protective gloves when handling such batteries.

› Only use alkaline batteries to ensure a longer battery life cycle.

› Always ensure that the device has been turned off after use.

› Always use batteries from the same manufacturer and never mix batteries, whether old with new, of different capacities or with rechargeable batteries.

› If the operating distance between remote control and device weakens or the remote control is not functioning properly any more, change the batteries as explained above.

› Always change/replace all batteries at the same time.

› Clean battery and device contacts before inserting, where required.

› Avoid totally discharging rechargeable batteries.

Dear Customer!

Note:
Do not throw batteries and rechargeable batteries into household waste!

Consumers are legally obligated to return used and rechargeable batteries, whether they contain harmful substances* or not, to designated recycling areas, disposal sites, or stores where batteries/ rechargeable batteries can be bought. By doing so, you are fulfilling all legal battery recycling and disposal obligations and are contributing to a better enviroment. Make sure batteries are completly discharged before disposing!

*) marked with Cd = cadmium Hg= mercuric Pb= lead

Connections

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Power supply

› Turn the device off. Connect the power adapter's connector to the DC IN 9 –12 V power supply connection on the device. Now you can plug the power adapter's plug into a power outlet that has been correctly installed according to your public power system. To operate via your car's cigarette lighter, connect the car adapter's connector to the DC IN 9 –12 V power supply connection on the device. Now you can plug the adapter into your car's cigarette lighter.

Please bear in mind that the device consumes a minimal amount of power, even in a standby mode. Please take this into consideration when operating the device with your vehicle's electrical system. Remove the adapter from the power supply source in order to completely cut off the power supply to the device.

A/V IN

› You can connect an external signal source to this connection (for example a game console). Please refer to the user manual accompanying this device in order to connect.

A/V OUT

› You will be able to use your Titan as a signal source for an external device with this connection (for example as a monitor). Please refer to the user manual accompanying this device before connecting.

Earphones

› You can connect a set of earphones to this jack. Speakers are muted, once earphones are plugged into the device.

Listening to earphones at higher volumes over a longer period of time can damage your hearing or even cause permanent hearing loss.

USB connection

› USB flash drives with a capacity of up to 4 GB and SD, MMC, RS-MMC and SDHC memory cards in combination with the included adapter can be connected to the USB 1.1 for use.

› The storage medium must be formatted to FAT 32.

› Never use connection cables longer than 25 cm with this device.

› Hard discs can not be used with this device.

Please note that USB cables connected must be less than 3 m in length in order to maintain EMC compliance. Using cables longer than 3 m could influence electromagnetic compatibility, which could lead to disturbance or failure.

The USB connection does not warrant the supply of power to the external medium used, for example a hard disc. Please refer to the user manual accompanying the device connected to your TITAN.

Basic operation

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Turning on/off

› Push the switch to ON to turn the device on. Push the switch to OFF to turn the device off. The device will automatically switch over to a battery operational mode if it is not connected to an external power supply.

Selecting a signal source

› Press the SOURCE button on the device or the DVB/DVD button on the remote control to access to the menu for signal source selection.

DVD: switches to the DVD or CD
DVB: switches to DVB-T operation
USB: switches to the USB connection

› Use the A/V OUT and A/V IN on the remote control to switch between the A/V output/input.

DVB-T

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What is DVB-T?
DVB-T is the abbreviation for Digital Video Broadcasting – Terrestrial and refers to the transmission of television signals into the atmosphere. DVB-T is a variation of DVB and is mainly used as a standard for transmitting digital television and radio via an antenna in various European countries. The transmission frequencies used to broadcast DVB-T already correspond with well-known analog broadcasting UHF and VHF channels. These channels can be used more effectively with digital broadcasting than with analog technology, as more stations per channel can be transmitted.

› Press the „SOURCE“ or „DVD/DVB“ button for access to the source selection menu. Now select „DVB“ and confirm your selection with either „OK“ or „ENTER“.

Channel scan

› Press the „PBC/SCAN“ button to start an automatic channel scan.
› As an alternative, you can also search for certain stations in the DVB menu.

Channel selection

Choose one of the various options when selecting a channel:
› Use the ▲▼ buttons to switch to the next/previous channel.
› Use the numerical buttons to select a channel directly.
› Press the „OK“ or „ENTER“ button to display a list of channels. Use the navigation buttons to then select a channel and the „OK/ENTER“ button to confirm your selection.
› Press the button to return to the previously viewed channel.

› Pressing the ◀◀/FAV button turns the favourite program option on/off. This option allows you to browse through your favourites programs.

Channel edit

Press the ▶▶/PG-TV button to open the menu for editing channels after which you can either:
› Add/Remove channels to/from your favourites list
› Relocate channels to different program locations
› Delete channels
› Use the navigations buttons to select an option and confirm your selection with „OK/ENTER".

Channel information

› Press the „DISPLAY" button to reveal information about the current program you're watching on screen (e.g. reception quality and strength).

Teletext (TTX)

› Press the TTX button to turn the teletext function on. If the station you are watching supports this service, then the teletext start page of this station will be displayed on screen. This service may vary according to the station being watched. Use the numeric buttons to enter a page number you would like to view. Press TTX again to exit the teletext function.

Electronic program guide (EPG)

› Press the PRO/EPG button to open the electronic program guide option.
› Use the◀ ▶ buttons to switch between channel lists, program listings and program information.
› Use the▲ ▼ buttons to switch between channels in the channel list and the programs listed.

Automatic program schedule

› You will be able to schedule programs automatically by selecting a program within the EPG´s program list and confirming with „ENTER" or „OK" or by making your selection within the DVB menu system schedule. Enter information in the following sequence:
› Mode: Active/Inactive
› Frequency: Once/Daily/Weekly
› Channel Type: TV/Radio
› Channel No.: Program location
› Time setting: Start date, start time, end time

› Confirm selections with „OK" or cancel selections by selecting „CANCEL".

DVD

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› Press the „OPEN“ button to open the CD compartment and to insert a DVD. Press the „SOURCE“ or „DVD/DVB“ button to open the source selection menu. Select „DVD“ as your signal source. Confirm your selection with „OK“ or „ENTER“. The device will automatically begin reading the inserted disc and playback will commence after this.

› Use the navigation buttons within the DVD menu and confirm your selection with „OK“ or „ENTER“.

› Press the ⏯ (Play/Pause) button to start or pause playback.

› Use the numeric button to skip directly to the desired chapter. Select chapters exceeding the number 10 by using the 10+ button.

› The ⏭ ⏮ (Reverse/Forward Skip) button lets you skip/return to the previous/next title.

› Press the ◀◀ ▶▶ buttons repeatedly to select a different fast reverse/forward speed level. To return to normal playback, press the ⏯ (Play/Pause) button.

› Press ■ (Stop) once to pause playback and twice to stop playing a disc.

› You can use the „ZOOM“ function to switch through different zoom levels. Select MENU to return to the DVD menu.

› Browse through subtitle languages while viewing a film on a DVD by pressing the „SUBTITLE“ button.

› Press the „TITLE“ button to return to the main menu on a DVD.

› You can use the „TV/RADIO/A-B“ button to mark a range to be repeated on a DVD. To activate the A-B repeat function press this button once to mark the start point of a range and a second time to mark the end point of the range to be repeated. Press the button a third time to deactivate the repeat mode.

› Press the „REPEAT“ button to switch through different repeat mode options (chapter, title, all and off).

Press the „DISPLAY“ button repeatedly to display information on screen (e.g. remaining playing time).

Select a preferred audio channel while watching a film on a DVD by pressing the „AUDIO“ button.

› Create a playlist with the „PRO/EPG“ button. First, select a location, title and chapter with the navigation buttons. You can also select a title and chapter number by using the numeric buttons. Confirm your entry with „ENTER“. After you've finished creating your playlist, press the ⏯ (Play/Pause) button to start playback.

› Press the „ANGLE“ button while watching a film to switch through different camera angles available on the DVD.

Audio CDs

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› Press the „OPEN“ button to open the CD compartment and to insert a CD. Press the „SOURCE“ or „DVD/DVB“ button to open the source selection menu. Select „DVD“ as your signal source. Confirm your selection with „OK“ or „ENTER“. The device will automatically begin reading the inserted disc and playback will commence after this

› Press the ⏯ (Play/Pause) button to start or pause playback.

› Use the numeric button to skip directly to the desired song. Select songs exceeding the number 10 by using the 10+ button.

› The ⏭ ⏮ (Reverse/Forward Skip) button lets you skip/return to the previous/next title.

› Press the ◀◀ ▶▶ buttons repeatedly to select a different fast reverse/forward speed level. To return to normal playback, press the ⏯ (Play/Pause) button.

› Press ■ (Stop) once to pause playback and twice to stop playing a disc.

› You can use the „TV/RADIO/A-B“ button to mark a range to be repeated on a DVD. To activate the A-B repeat function press this button once to mark the start point of a range and a second time to mark the end point of the range to be repeated. Press the button a third time to deactivate the repeat mode.

› Press the „REPEAT“ button to switch through different repeat mode options (song, all and off).

› Press the „DISPLAY“ button repeatedly to display information on screen (e.g. remaining playing time).

› Create a playlist with the „PRO/EPG“ button. First, select a location and song with the navigation buttons. You can also select a song number by using the numeric buttons. Confirm your entry with „ENTER“. After you've finished creating your playlist, press the ⏯ (Play/Pause)button to start playback.

Data discs, USB flash drives and memory cards 10

› Press the „OPEN“ button to open the CD compartment and to insert a disc. Press the „SOURCE“ or „DVD/DVB“ button to open the source selection menu. Select „DVD“ as your signal source. Confirm your selection with „OK“ or „ENTER“. The device will automatically begin reading the inserted disc and will then display files stored on the disc.

› Insert a USB flash drive into the USB connection. Press the „SOURCE“ or „DVD/DVB“ button to open the source selection menu. Select „USB“ as your signal source. Confirm your selection with „OK“ or „ENTER“. The device will automatically begin reading the inserted flash drive and will then display files stored on the medium.

› Insert a memory card into the respective slot found on the adapter.
Insert the USB adapter into the USB connection. Press the „SOURCE“ or „DVD/DVB“ button to open the source selection menu. Select „USB“ as your signal source. Confirm your selection with „OK“ or „ENTER“. The device will automatically begin reading the inserted memory card and will then display files stored on the medium.

› Use the navigation buttons to select a folder or file. Confirm your selection with „OK“ or „ENTER“.

› The option „File Type“ lets you set exactly which file types are to be displayed. Press ⏯ (Play/Pause) to starting playing these files.

› The option „File Sort“ gives you the opportunity to select between different methods of sorting.

› Press ⏯ (Play/Pause) to start or pause file playback.

› Use the numeric buttons to select a certain song within the directory. Confirm your selection with „OK“ or „ENTER“.

› The ⏭ ⏮ (Reverse/Forward Skip) button lets you skip/return to the previous/next title.

› Press the ◀◀ ▶▶ buttons repeatedly to select a different fast reverse/forward speed level. To return to normal playback, press the ⏯ (Play/Pause) button.

› Press ■ (Stop) once to pause playback and twice to stop file playback.

› You can use the „ZOOM“ function to switch through different zoom levels.

Select „MENU“ to return to the DVD menu.

› You can use the „TV/RADIO/A-B“ button to mark a range to be repeated on a DVD. To activate the A-B repeat function press this button once to mark the start point of a range and a second time to mark the end point of the range to be repeated. Press the button a third time to deactivate the repeat mode.

› Press the „REPEAT“ button to switch through different repeat mode options (title, folder, all and off).

› Press the „DISPLAY“ button repeatedly to display information on screen (e.g. remaining playing time).

› Create a playlist with the „PRO/EPG button“. Select a preferred file with the navigation buttons and press the ⏯ (Play/Pause) button to add this file to the play list. To cancel a selection, press the ⏯ (Play/Pause) button again. Select the option „LIST“ to display the current playlist and the option „PLAY“ to start file playback.

› You can use the arrow keys to rotate or reverse an image while viewing.
Press the „ANGLE“ button while viewing images for different slide show effects. Press the ■ (Stop) button for a thumbnail view of images.

First time installation 11

The installation assistant dialogue box will appear on screen after turning the device on for the first time.

› You will be asked if this option is to be carried. Select „YES“.
› Select the country, language and time zone
› Press „SETUP“.
› Select „NEXT“.
› Now you will be asked if you would like to start an automatic channel scan.
› Select „YES“.
› After scanning has been completed the device will switch to the last scanned channel.

› Further settings are available for selection in this menu. You can open this menu either with „MENU“ during DVB-T operation or with „SETUP“ during DVD or USB operation.

Sound settings 12

› You can regulate the volume with the VOL –/+ buttons.

› Press the „MUTE“ button to activate/deactivate the sound.

› Use the ◄ ► buttons on the remote control during DVB-T operation and while watching a film or listening to music to regulate the volume.

› Enter the DVD SETUP menu and select the submenu option „DOWNMIX“ to choose between a „LT/RT“ and „LO/RO“ mode or select under the submenu option „AUDIO MODE“ between a „L/R“, „L/L“ and „R/R“ sound setting mode.

LT/LR: Select this option if a DVD disc has been recorded in a Pro Logic Dolby Digital format and the respective receiver has been connected to the DVD player. The matrix-based encoding method enables the transmission of stereo tone through 4 audio channels (left, right, central and surround).

LO/RO: Select this option to play a DVD disc in a two-channel audio format (left and right).

L/R: Sound is transmitted through the left and right audio channel (speaker).

LL: Sound is transmitted through the left audio channel (speaker) only.

RR: Sound is transmitted through the right audio channel (speaker) only.

Try to maintain a safe volume level and avoid excessive noise. Over a certain amount of time your hearing will become accustomed to the adjusted volume level.
Please note that excessive sound pressure levels created when listening to loud volume levels with earphones or headphones can lead to permanent hearing damage or loss.

13 Display settings

› In this menu there are several different display and picture settings available for usage.

Colour system
› Select a colour system under this option. Select under the menu option „SYSTEM SETTING DISPLAY SETUP“ the menu item „TV STANDARD“ to select between an „NTSC“ and „PAL“ mode. Use the navigation buttons to select the preferred format and confirm your selection with „OK/ENTER“.

Aspect ratio
Select the display aspect ratio under this option. Select under the menu option „SYSTEM SETTING DISPLAY SETUP“ the menu item „ASPECT RATIO“ to select between a 4:3 PS, 4:3 LB or 16:9 picture format. Use the navigation buttons to select the preferred format and confirm your selection with „OK/ENTER“.

› For picture setting adjustments, press the „MODE“ button for access to the following options:
› brightness
› contrast
› colour saturation
› sharpness

› Use the navigation buttons to select an option and the ◄ ► buttons to set the desired brightness, contrast, colour or sharpness level.

› To exit a menu option, press the „MODE“ button.

14 Menu overview

› You can open this option either with „MENU“ during DVB-T operation or with „SETUP“ during DVD or USB operation.

DVD setup

› This menu option is not accessible during DVB-T operation and can only be used when playback has been stopped completely.

Language setup
› This setting lets you choose between the menu items „MENU“, „AUDIO“, „SUBTITLE“ and„ EXTERNAL SUBTITLE“ for language setup. The menu option „EXTERNAL SUBTITLE“ lets you select a different region.

Audio setup
› Downmix
This setting lets you to regulate the audio sound options:
LO/RO: Select this option to play a DVD disc in a two-channel audio format (left and right)
LT/LR: Select this option to play a DVD disc with a Pro Logic Dolby Digital format via the respective receiver.

› Audio Mode
Select this setting to choose between the following sound setting modes:
L/R: Sound is transmitted through the left and right audio channel (speaker).
L/L: Sound is transmitted through the left audio channel (speaker) only.
R/R: Sound is transmitted through the right audio channel (speaker) only.

Custom setup
› Parental Ctrl: This setting requires a password to turn the parental control on DVDs on and off. The disc being used must support this system in order for the parental control function to operate accordingly. The following parental rating levels are available:
1. Child Safe (Children film material; suitable for children and viewers of all ages)
2. G (General public; proved suitable for audiences of all ages)
3. G (Parental guidance recommended)
4. PG 13 (Material not suitable for children under the age of 13)
5. PG-R (for adolescents accompanied by an adult)
6. R (not suitable for adolescents)
7. NC-17 (not for adolescents under the age of 17)
8. ADULT (content only for adults)

› Angle Mark: This setting lets you turn the camera icon on/off. If you have activated this function while watching a film, then the camera icon will appear on display when different camera angles are available for certain scenes.

EXIT
› Select to exit the DVD SETUP menu.

DVB-T-Menü

Program list
› TV program: The following options are available for TV station adjustment under this menu item:
› Set favourites (Favor)

› Relocate stations to a different location (Move)

› Delete stations (Del)

› Music program: The same options as mentioned under TV program are available for this menu item.

› Sort: This menu option lets you change the sequence in which stations are to be stored.

Program search
› Automatic search: Starts an automatic channel scan.

› Manual search: Lets you scan manually for a certain channel.

Parental control
› Channel lock: Allows you to set if a password is required, when trying to access locked channels.

› Parental setting: This setting lets you add a parental lock to a certain station.

System setting
› Country: Menu option for selecting a country.

› Language: Menu option for selecting a preferred language: 1. Audio (first language), 2. Audio (second language), Subtitle (subtitle language), EXIT to exit this menu option

› GMT usage: Allows you to select if the time is to be set manually (OFF) or if the GMT time setting is to be used (ON).

› Time zone: This function sets the GMT time zone (Germany is GMT + 1:00)

› System schedule: This function allows you to schedule programs for specific use and time.

› Mode: Active/Inactive › Frequency: Once/Daily/Weekly
› Channel type: TV/Radio › Channel No.: Program location
› Time setting: Start Date, Start Time, End Time.
› Confirm entries made by selecting OK or cancel entries by selecting „CANCEL".

System settings

Language setup
› OSD: Select to set the OSD menu language.

Display setup
› TV Standard: Select to set the colour system. NTSC: This setting is mostly used in America and some East Asian countries. PAL: This setting is mostly used in Europe, but also in Australia, South America, as well as in many African and Asian countries. Aspect ratio: Select the preferred display format (4:3 PS, 4:3 LB or 16:9)

Preference
› UI Style: Option for selecting a different menu design.

› Change PIN: Allows you to change the device password. The preset password for this device is 8888.

› Default Type: Option for selecting a standard signal source to be used after the device is turned on (DVD, DVB, USB or last used).

› Default: This menu option returns all settings to a factory default setting.

EXIT
› Select to exit the menu.

Information on CDs and DVDs 15

Handling CDs and DVDs
Do not touch the playback side of discs. Hold by the edges without touching the recording surface, so that finger prints do not come in contact with discs. Never stick paper or use tape on discs.

Storing CDs
After you are finished playing a CD, please replace and store it in its respective cover. Never expose discs to direct sunlight, sources of heat or high temperatures. Never leave discs in a car exposed to direct sunlight.

Cleaning CDs
Finger prints and dust found on a CD may be the reason for poor picture or sound quality. Before playing a CD, carefully wipe off finger prints and dust with a clean cloth. Please clean in an inwards to outwards motion.

Never use any solvents or chemicals, such as alcohol, benzine, thinners, any commercially available cleaners or antistatic sprays for records to clean discs.

Types of data storage medium supported

DVD (8 cm/12 cm CD)

Video CD (VCD)
(8 cm / 12 cm CD)

Audio CD
(8 cm /12 cm CD)

In addition, this device also plays:
DVD-R, DVD+R, DVD-RW, DVD+RW, Kodak picture CDs, SVCD and CD-R/ CD-RW that contain audio titles, MP3, WMA and JPEG files.

RW COMPATIBLE This indicates that rewritable data storage media is supported.

Note:
Depending on the features of the recording equipment used or on the CD-R/RW (or DVD-R, DVD+R, DVD-RW, DVD+RW) itself, there is the possibility that some discs may not be playback compatible with this device.

Never attach any seals, adhesive labels or stickers to discs (either on the labelled or recorded side).

Never use irregularly shaped CDs (e.g. orthogonal or heart-shaped). Such types can lead to or cause malfunctions.

Manufacturers may have already intentionally programmed playback functions on some DVD and Video CDs. This device plays software manufacturer DVDs and Video CDs according to content. Therefore, it is possible that some playback functions may not be available or additional functions may be available for use.

Manufactured under license from Dolby Laboratories:
„Dolby", „Pro Logic" and the double D symbol are trademarks of Dolby Laboratories.

Region code

This DVD player is designed and manufactured for playback of „Region 2" encoded DVD software. Thus, this device is only capable of playing DVDs intended for „Region 2".

Region code information: Most DVD disc covers have a globe with one or more numbers clearly visible on it. This region code number must match the regional code of your DVD player, in order to play back encoded DVDs in your region. If this is not the case, then discs encoded for other regions cannot be played. If you try to play a DVD with a different region code, then the following message will be displayed on screen: „Check region code".

DVD±R/RW
DVD-R and DVD+R are two different standards for writable DVD drives and data storage mediums. These formats enable a one-time recording of DVDs. DVD+RW and DVD-RW are two standards for rewritable media. These types of DVDs enable erasing and rewriting. Single-sided recordable DVDs can record up to 4.38 GB and double-sided up to twice the amount.

VCD (Video CD)
A VCD can hold up to 74 minutes (650 MB) or 80 minutes (700 MB) of MPEG-1 video, including stereo sound.

MPEG
MPEG is an international video and audio standard. MPEG-1 is used for encoding video for VCD and has been intended for multi-channel surround sound coding, such as PCM, Dolby Digital and MPEG audio.

MP3
MP3 is a compression format used for digital audio files.

WMA
Windows media audio is a type of coding/decoding developed by the Microsoft Corp.

JPEG
Joint Pictures Expert Group is a compression format that allows the storage of images without limitation on the number of colors.

Title (DVD only)
A title is generally a distinct section of a DVD. For example, the main feature could consist of title 1. A documentary describing the film could be title 2 and interviews with the cast could be title 3. A reference number is assigned to each title enabling you to locate these easily.

Chapter (DVD only)
A chapter is a segment of a title, such as a scene in a film. A chapter number is assigned to each chapter, enabling you to easily locate a preferred chapter. Depending on the disc, chapters may only be partially displayed.

PBC: Playback Control (Video CDs only)
The playback control is available for Video CDs (VCDs) with a 2.0 disc format. PBC allows you to interact with the system via menus, search functions, or other computer-like operations. In addition to this, films with a high resolution can be played, if these are included on the disc. VCDs not equipped with PBC (Version 1.1) can be operated in the same way as audio CDs.

Track
Track is defined audio visual information that is comparable to the picture or sound track for a specific language (DVD). A track number is assigned to each specific track, enabling you to easily locate the preferred track. DVDs allow you to store one video track and several audio tracks.

Troubleshooting 16

The device you have just purchased is equipped with state-of-the-art technology and is safe to operate. Nevertheless, problems or malfunctions may occur.

Before contacting a service technician, refer to the following possible solutions:

Distorted sound or no sound is audible
› Check if everything has been connected properly.
› Check the selected volume level.

The remote control is not working
› Check if the batteries have been inserted correctly.
› If batteries are empty, replace them with new ones.
› Point the remote control to the remote sensor and press to operate.
› Remove any objects found between the remote control and the remote sensor.
› Make sure the distance between the remote control and the device does not exceed 8 m.

Buttons do not function (on the device and/or remote control)
› Turn the device off and then on again. As an alternative, turn the device off, unplug it from the power outlet and plug in again. (The device may also not be functioning due to a stroke of lightning, static electricity or other external factors.).

Distorted/Noisy reception or no picture
› The reception frequency has not been set properly.
› The antenna is not adjusted properly.
› Start an automatic channel scan.

A CD/DVD is not recognized/supported
Check if
› the disc is deformed.
› the disc is damaged, scratched or has become dirty.
› the disc has the correct regional code

Any repairs other than those mentioned above are to be carried out solely by an authorized technician.

Maintenance, handling and cleaning 17

› Never operate the device in places with extreme high or low temperatures.

Permissible storage temperatures: – 25° C – 60° C
Permissible operating temperatures: 0° C – 40° C

› Should pixel errors (to light or to dark pixels) appear during operation, then this does not necessarily mean that the device is defect. These errors are a common TFT LCD technology problem. Up to 5 pixel errors are acceptable.

Maintenance
› Carry out a technical safety inspection on a regular basis, e.g. check if the power cable or housing may have become damaged.

› If there is reason to believe that the device can no longer be operated safely, then disconnect it immediately from the power supply and secure it against any unintentional operation. Carefully remove the power cable plug from the wall outlet and where applicable switch off the corresponding circuit breaker first.

It can be assumed that safe operation is no longer possible, if:
› there is visible damage to the device or power cable,
› the device no longer works,
› it has been stored for a longer period of time under unfavourable conditions
› or exposed to rigorous transport conditions.

› Always adhere to the following safety instructions before cleaning or servicing the device:

› Live parts may be exposed, if the covering is opened or parts are removed.

› The device must be disconnected from the power supply source prior to service, maintenance or repairs.

› Capacitors within the device may still carry voltage even though they have been disconnected from all power supply sources.

› Repairs are only to be carried out by qualified personnel, who are familiar with the hazards involved and the relevant regulations.

Transporting or sending the device
› Please retain the original box and the packaging material in case you need to transport or send the device out for maintenance at a later date. Please note that the device should be repacked in the original packaging. The box and packaging have been especially developed for this device in order to protect it during transport and against damage. Retain this instruction manual for future reference and where required pass it along with the device if handed over to a third party.

Keeping the external case clean
› Never use volatile fluids near the device, as for example insect spray. Avoid letting the device come in contact with rubber or plastic products for longer periods of time. These could otherwise leave marks behind

Cleaning the device
› Unplug the power cable before cleaning. Always use a soft and dry cloth to clean the unit's exterior. If the device is extremely dirty you can use a soft cloth, dampened with water or a mild cleaning solution to clean. Never use any abrasive or harsh cleaning agents (e.g. alcohol, benzine or thinners) as these could damage the controls, casing or any markings and labels found on the device.

› Electronic/electrical equipment or components that are no longer serviceable or usable should be disposed of in accordance with the law and regulations applicable in the region or country in which you live.

› Contribute to a better environment by using a designated disposal system (e.g. Dual System in Germany) or recycling site for the disposal of packaging material.

Dear Customer!

Important Notice:

Please note that electrical and electronic devices must never be disposed of in regular household waste!

Consumers are legally obligated and responsible for the proper disposal of electronic and electrical devices by returning them to collection sites designated for the recycling of electrical and electronic equipment waste after the useful lifetime of a device has come to an end. For more information concerning collection sites and correct disposal, please contract your local authority or waste management company. The presence of the above symbol on a device, on its packaging or within the instruction manual indicates that this item must not be disposed of in normal unsorted municipal waste.
In doing so, you are fulfilling all recycling and disposal obligations and are optimizing and contributing to a better environment. These disposal regulations apply to battery/rechargeable battery disposal as well. Most batteries contain hazardous chemicals which can contaminate the environment and human health, if they are discarded in ordinary household waste. According to legislation, batteries are to be returned to the place of purchase, disposed of at designated recycling areas or disposal sites.

18 Specifications

Technical data

› Operating voltage:	Power supply: 100 – 240 V~50/60 Hz Car adapter: 10 –15 V DC Device: 9 –12 V DC
› Power consumption:	under 12 W
› Screen diagonal:	22.86 cm (9“)
› Display format:	16:9
› Pixel:	640 RGB (H) x 234 (V)
› Video colour system:	PAL and NTSC
› Dimensions (approx.):	260 (B) x 182 (T) x 37.7 (H) mm
› Weight (approx.):	0.9 kg
› DVB-T mode:	Standard: DVB-T

DVD

› Laser:	Semiconductor laser, wave length 650 nm
› Colour system:	NTSC/PAL
› Frequency range:	20 Hz – 20 kHz (+/–1 dB)
› Signal-to-noise ratio:	more than 80 dB (analogue OUT)
› Dynamic range:	more than 85 dB (DVD/CD)

› Connections:	Antenna A/V IN (3.5 mm) A/V OUT (3.5 mm) Earphones (3.5 mm) USB interface 12 V DC IN
› Supports:	Video: MPEG1, MPEG2, MPEG4, VOB, AVI Audio: MP3, WMA Images: JPEG

› **Supports:** DVD-R, DVD+R, DVD-RW, DVD+RW, SVCD, Audio-CD, CD-R, CD-RW
USB flash drives with a capacity up to 4 GB and formatted to FAT32
Via the included adapter SD/MMC/RS MMC/SDHC memory cards with a capacity up to 4 GB and formatted to FAT32

Battery parameters

› Rechargeable battery specifications:	Output 7.4 V
› Charge time:	approx. 4 (turned off) to 20 hours (turned on)
› Discharge time:	approx. 2 to 6 hours depending on the type of active use

Permissible storage and operating temperatures

Storage conditions	Temperatures	Humidity
6 Months	– 20 °C ~ + 45 °C	65 ± 20 %
1 Week	– 20 °C ~ +65 °C	65 ± 20 %
Operating conditions	Temperature	Humidity
Normal charging	0 °C ~ + 45 °C	65 ± 20 %
Normal discharging	– 20 °C ~ + 65 °C	65 ± 2 0%

Delivery contents

› Mobile DVD player TITAN DT9 with a built-in rechargeable battery
› Remote control › AC/DC adapter 100 – 240 V › 12 V car adapter
› Carrying bag › DVB-T antenna
› SD adapter › Instruction manual › Service data sheet

Service

Should questions arise then please contact a specialist or our service hotline:

Hotline: +49 (0) 53 02/8 06-450
Address: x-services.eu gmbh
Service department X4-TECH
Brackestraße 3 · 38159 Vechelde/Germany

› Information and updates: http://www.x4-tech.de

› We reserve the right to alter specifications and information contained in this manual without notice.

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Manufacturer

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www.x4-tech.de